

Application No. 10/036,469

REMARKS

Claims 10 to 13, 16 to 27, 30, 31, 33, 38 to 41, 44, 45, and 47 to 56 are pending in the application. The Examiner has subjected the claims to a restriction requirement and required that Applicants elect one of the following groups of claims for examination:

I. Claims 10, 11, 30, 38, and 39, drawn to a process of making an allyl ether polymer and the allyl ether polymer therefrom, classified in class 525, subclass 471.

II. Claims 12, 13, 31, 40, and 41, drawn to a process of making an epoxy polymer from an allyl ether polymer and the polymer therefrom, classified in class 525, subclass 471.

III. Claims 47, 48, and 54 to 56, drawn to a process of reacting a halogenated polymer and an epoxy group containing an alcohol salt and the polymer therefrom, classified in class 525, subclass 471.

IV. Claims 18 to 27 and 49 to 53, drawn to a process of crosslinking and/or chain extending, classified in class 430, subclass 320.

V. Claim 17, drawn to an ink jet printhead, classified in class 347, subclass 20.

VI. Claims 16, 33, 44, and 45, drawn to a crosslinked or chain extended composition, classified in class 528, subclass 125.

Applicants respectfully traverse the restriction requirement and maintain that the instant claims should be examined together. Applicants are of the position that the Group II, III, IV, V, and VI claims can be examined together with the Group I claims without

Application No. 10/036,469

undue burden, since all recite similar polymeric compositions. Applicants are also of the position that the patent classification system has been developed primarily for convenience, and separate classifications within this system is not indicative of distinctiveness for the purposes of a restriction requirement. Applicants thus maintain that the claims of Groups I through VI should be examined together.

In the event that the Examiner persists in the restriction requirement, Applicants further request that the Examiner consider reducing the number of claim groupings for the restriction requirement. For example, Applicants would suggest at the least combining the claims of Groups V and VI, since Group V consists of a single claim (claim 17) directed to a printhead containing the polymer of claim 16, which is in Group VI; Applicants are of the position that this recombination would place no undue burden on the Examiner for purposes of examination.

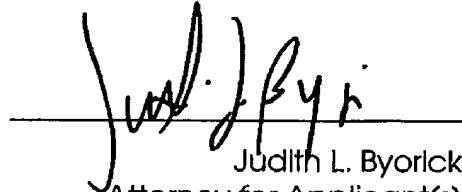
In the event that the Examiner persists in the restriction requirement, Applicants elect with traverse the Group VI claims (claims 16, 33, 44, and 45) for prosecution.

The Examiner has stated that in the event that Group IV is elected, an election of species must also be made. Since Applicants have not elected Group IV, Applicants have not made any of the elections specified for the claims of this group.

Application No. 10/036,469

In the event the Examiner considers personal contact advantageous to the disposition of this case, she is hereby authorized to call Applicant(s) attorney, Judith L. Byorick, at Telephone Number (585) 423-4564, Rochester, New York.

Respectfully submitted,



Judith L. Byorick
Attorney for Applicant(s)
Registration No. 32,606
(585) 423-4564

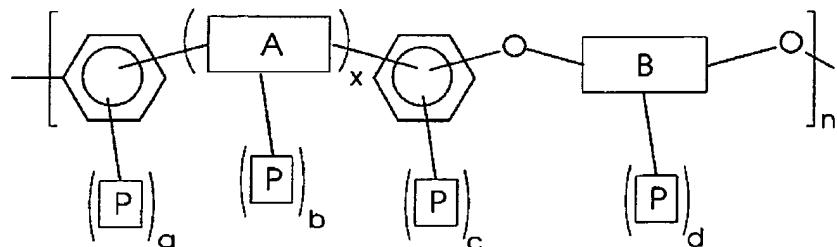
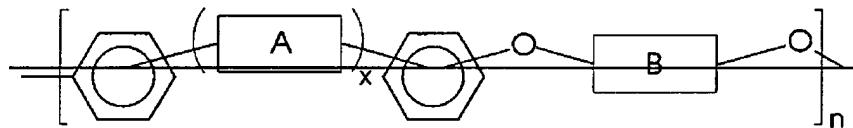
JLB/cw
January 10, 2003
Xerox Corporation
Xerox Square 20A
Rochester, New York 14644

Application No. 10/036,469

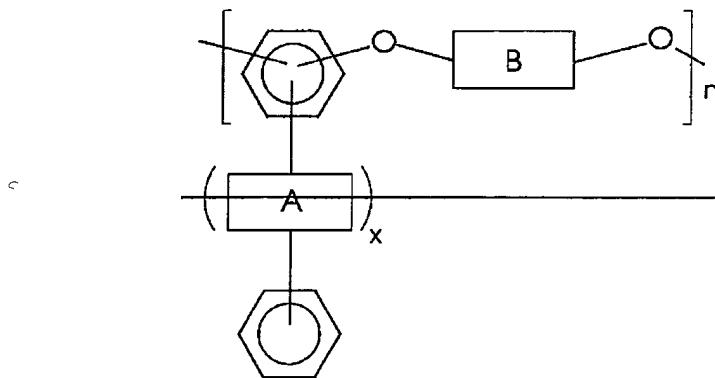
VERSION WITH MARKINGS TO SHOW CHANGES MADE:

IN THE CLAIMS:

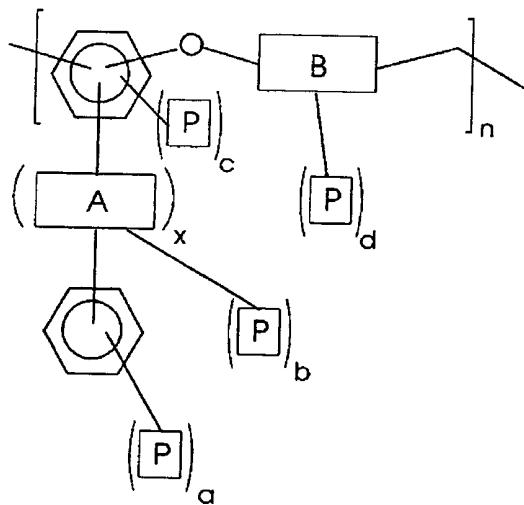
16. (Amended) A composition which comprises a crosslinked or chain extended polymer formed by crosslinking or chain extending a precursor polymer of the formula



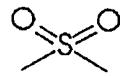
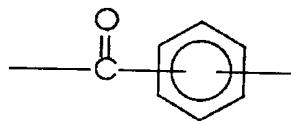
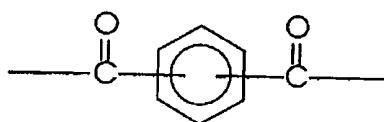
or



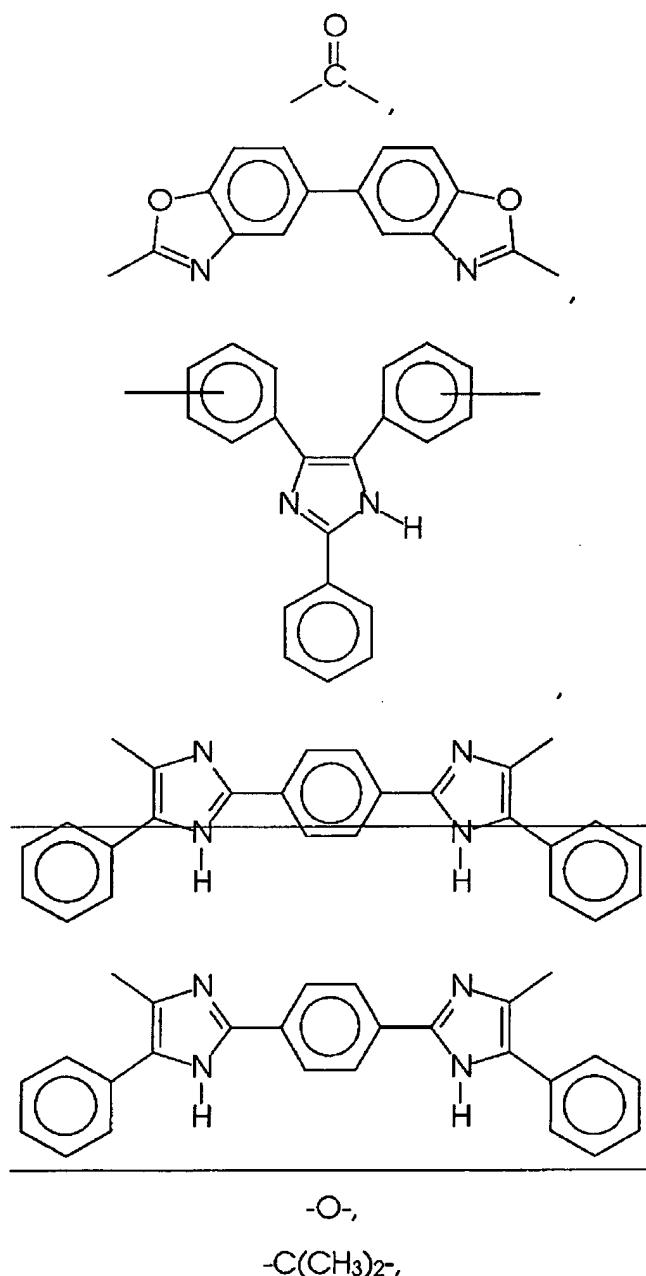
Application No. 10/036,469



wherein x is an integer of 0 or 1, P is a functional group which imparts photosensitivity to the precursor polymer, a, b, c, and d are each integers of 0, 1, 2, 3, or 4, provided that at least one of a, b, c, and d is equal to or greater than 1 in at least some of the monomer repeat units of the precursor polymer, A is

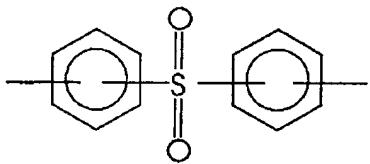
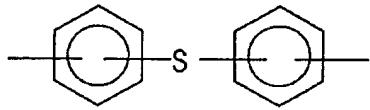
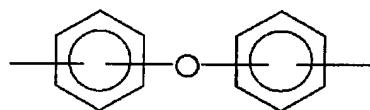
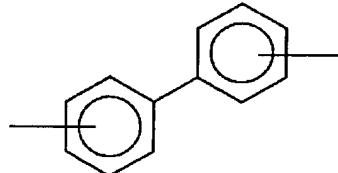
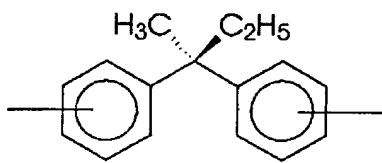
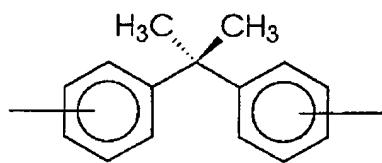
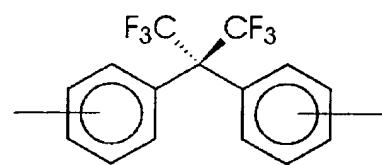


Application No. 10/036,469

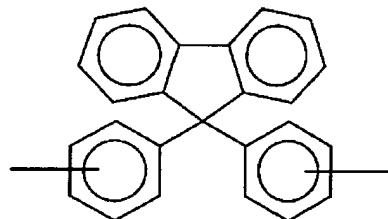
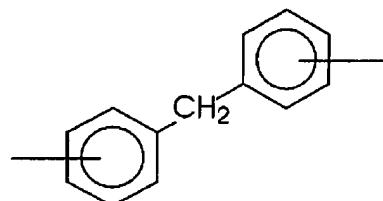
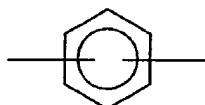
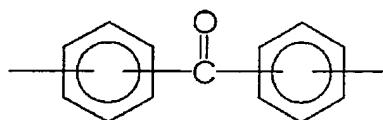


or mixtures thereof, B is

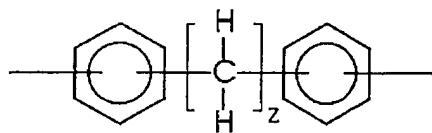
Application No. 10/036,469



Application No. 10/036,469

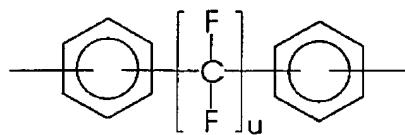


wherein v is an integer of from 1 to about 20,

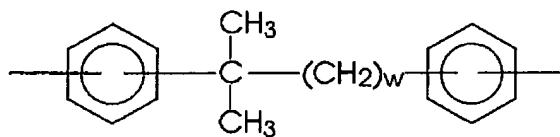
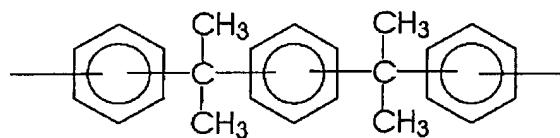
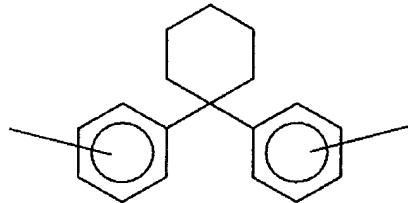
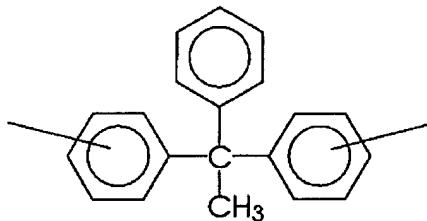


wherein z is an integer of from 2 to about 20,

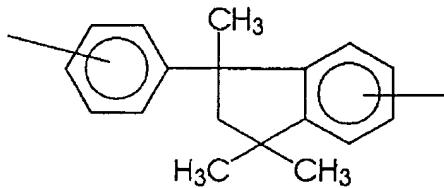
Application No. 10/036,469



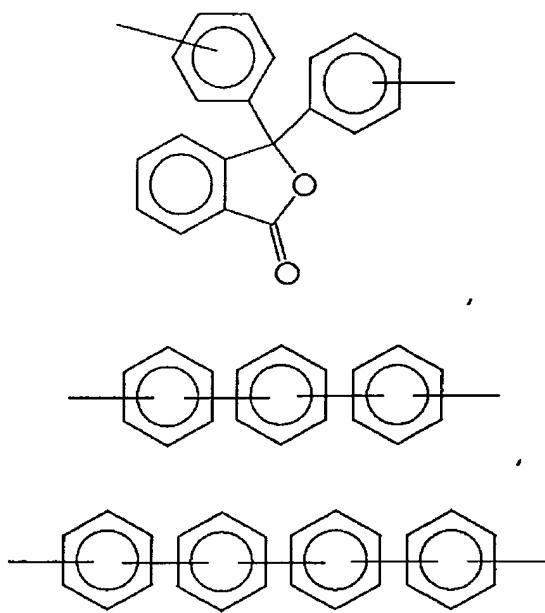
wherein u is an integer of from 1 to about 20,



wherein w is an integer of from 1 to about 20,



Application No. 10/036,469



or mixtures thereof, and n is an integer representing the number of repeating monomer units, said crosslinking or chain extension occurring occurring through linking groups formed by a reaction between epoxy groups contained on at least some of the monomer repeat units of the polymer and an amine curing agent, wherein the photosensitivity-imparting substituents "P" are allyl ether groups, epoxy groups, or mixtures thereof.

Claims 57 to 71 are new.